CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC 106 0100
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT	CKC SURFACE WATER DRAINAGE AT CRESTWOODS PARK DESIGN/CONSTRUCTION				
TITLE					
PROJECT	Cross Kirkland Corridor (CKC) near Crestwoods Park	PROJECT START	PROJECT STATUS		
LOCATION		2016	Existing Project		

DESCRIPTION/JUSTIFICATION

Design and construct repair for 24-inch Reinforced Concrete Pipe culvert, crossing the Cross Kirkland Corridor (CKC) between NE 104th St and 111th Ave NE, and carrying an unnamed tributary to Forbes Creek. The existing pipe is too short and has caused undermining of the adjacent slopes and trail at the outfall. A fall of approximately 5 vertical feet currently exists from the outlet invert to the adjacent stream bed, leading to backsplash and slope failure observed.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	PRIOR YEAR(S)		METHOD OF FINANCING (%)		
Surface Water Master Plan	BUDGET TO ACTUALS		Current Revenu	ue	%
			Reserve	(\$500,000)	77 %
COUNCIL GOALS Environment	Budget \$650,0	\$650,000	Grants		%
	Actual		Other Sources	KC Flood Cntrl. (\$150,000)	23 %
	Balance		Debt		0 %
Dependable Infrastructure			Unfunded		0 %

CAPITAL COSTS	Prior Year(s)	2019	2020	2021	2022	2023	2024	2019-2024 TOTAL	Future Year(s)	Total Project
Planning/Design/ Engineering	97,000	0	0	0	0	0	0	0	0	97,000
In-House Professional Svcs.	45,000	0	0	0	0	0	0	0	0	45,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	508,000	0	0	0	0	0	0	0	0	508,000
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	650,000	0	0	0	0	0	0	0	0	650,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.
Community economic impacts	None anticipated.
Health and safety, environmental, aesthetic, or social effects	Improvements to surface water quality will have a significantly positive environmental effect.
Responds to an urgent need or opportunity	This project has been identified as a potential high priority based on recent field observations.
Feasibility, including public support and project readiness	During the design development, community involvement will be addressed. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Projects will be designed and constructed per professional and legal guidelines.
Responds to state and/or federal mandate	Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.
Benefits to other capital projects	May be coordinated with the 132nd Square Park.
Implications of deferring the project	Continued degradation of surface water.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Totem Lake, Kingsgate</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachment (Specify)
LEVEL OF SERVICE IMPACT	 □ Project provides no new capacity (repair, replacement or renovation). □ Project provides new capacity. Amount of new capacity provided: ☑ Project assists in meeting/maintaining adopted level of service. □ Project required to meet concurrency standards.